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Attorney of Record

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hector F. DeLuca  
Serial No.: 10/074,102  
Filed: February 12, 2002  
For: PREPARATIONS AND USE OF AN AH RECEPTOR  
LIGAND, 2-(1'H-INDOLE-3'-CARBONYL)-THIAZOLE-4-  
CARBOXYLIC ACID METHYL ESTER  
Group Art Unit: 1645  
Examiner: --

Commissioner For Patents  
Washington, D.C. 20231

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

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Dear Sir:

Enclosed is a completed Form PTO-1449 listing documents that the applicants in the above-identified application wish to bring to the attention of the Examiner for consideration in connection with the examination on the merits of this application.

No fee is believed due in connection with this submission. However, if a fee is due, please charge the fee to Deposit Account No. 17-0055.

Respectfully submitted,  
Hector F. DeLuca

November 20, 2002

By: [Signature]  
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PTO/SB/08B (10-01)  
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<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/074,102		
		Filing Date	February 12, 2002		
		First Named Inventor	Hector F. DeLuca		
		Group Art Unit	1645		
		Examiner Name			
Sheet	2	of	3	Attorney Docket Number	960296.97206

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		Adachi, J. et al. "Indirubin and indigo are potent aryl hydrocarbon receptor ligand present in human urine". J. Biol. Chem. 276(34):31475-31478 (2001).	
		Chen, I., Safe, S., and Bjeldanes, L. "Indole-3-carbinol and diindolylmethane as aryl hydrocarbon (Ah) receptor agonists and antagonists in T47D human breast cancer cells". Biochem. Pharmacol. 51(8):1069-1076 (1996).	
		Chen, Y. H. et al. "Regulation of CYP1A1 by indolo[3,2-b]carbazole in murine hepatoma cells". J. Biol. Chem. 270(38):22548-22555 (1995).	
		Cheung, Y. L., Snelling, J., Mohammed, N. N. D., Gray, T. J. B., and Ioannides, C. "Interaction with the aromatic hydrocarbon receptor, cyp1a induction, and mutagenicity of a series of diaminotoluenes - implications for their carcinogenicity". Toxicol. Appl. Pharmacol. 139(1):203-211 (1996).	
		Garrison, P.M. et al. "Species-specific recombinant cell lines as bioassay systems for the detection of 2,3,7,8-tetrachlorodibenzo-p-dioxin-like chemicals," Fund. Appl. Toxicol. 30:194-203 (1996).	
		Heathpagliuso, S. et al. "Activation of the Ah receptor by tryptophan and tryptophan metabolites". Biochem. 37(33):11508-11515 (1998).	
		Lee, I. J. et al. "Transcriptional induction of the cytochrome p4501a1 gene by a thiazolium compound, yh439". Mol. Pharmacol. 49(6):980-988 (1996).	
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		Poellinger, L. "Mechanistic aspects-the dioxin (aryl hydrocarbon) receptor". Food Add. Contam. 17(4):261-266 (2000).	
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		Rannung, A. et al. "Certain photooxidized derivatives of tryptophan bind with very high affinity to the Ah receptor and are likely to be endogenous signal substances," J. Biol. Chem. 262:15422-15427 (1987).	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet	3	of	3	Attorney Docket Number	960296.97206

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		Schaldach, C. M., Riby, J., and Bjeldanes, L. F.. "Lipoxin A(4): A new class of ligand for the Ah receptor". Biochem. 38(23):7594-7600 (1999).	
		Sinal, C. J. and Bend, J. R. "Aryl hydrocarbon receptor-dependent induction of cyp1a1 by bilirubin in mouse hepatoma hepa 1c1c7 cells". Mol. Pharmacol. 52(4):590-599 (1997)	
		Stephensen, P. U. et al. "N-methoxyindole-3-carbinol is a more efficient inducer of cytochrome P-450 1A1 in cultured cells than indol-3-carbinol". Nutr Cancer Internatl. J. 36(1):112-121 (2000).	
		Vasiliou, V., Shertzer, H. G., Liu, R. M., Sainsbury, M., and Nebert, D. W. "Response of [Ah] battery genes to compounds that protect against menadione toxicity". Biochem. Pharmacol. 50(11):1885-1891 (1995).	
		Washburn, B. S. et al. "Brevetoxin-6 (pbtX-6), a nonaromatic marine neurotoxin, is a ligand of the aryl hydrocarbon receptor". Arc. Biochem. Biophys. 343(2):149-156 (1997).	
		Whitlock, J.P., Jr., "Genetic and molecular aspects of 2,3,7,8-tetrachlorodibenzo-p-dioxin action," Ann. Rev. Pharmacol. Toxicol. 30:251-277 (1990).	

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